

| L Number | Hits  | Search Text  | DB  | Time stamp       |
|----------|-------|--|---|------------------|
| 1        | 74558 | ((noble near1 metal) or gold or platinum or palladium or au or pt or pd) with alloy\$4   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 12:25 |
| 2        | 1911  | ((noble near1 metal) or gold or platinum or palladium or au or pt or pd) with alloy\$4) with (actuator or beam or cantilever or bend\$4 or flexible or bimetallic or bimorph or relay or spring)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 13:14 |
| 3        | 55618 | ((noble near1 metal) or gold or platinum or palladium or au or pt or pd) near4 alloy\$4  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 13:14 |
| 4        | 1593  | ((noble near1 metal) or gold or platinum or palladium or au or pt or pd) with alloy\$4) with (actuator or beam or cantilever or bend\$4 or flexible or bimetallic or bimorph or relay or spring)) and (((noble near1 metal) or gold or platinum or palladium or au or pt or pd) near4 alloy\$4)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 13:12 |
| 5        | 37    | ((noble near1 metal) or gold or platinum or palladium or au or pt or pd) with alloy\$4) with (actuator or beam or cantilever or bend\$4 or flexible or bimetallic or bimorph or relay or spring)) and (((noble near1 metal) or gold or platinum or palladium or au or pt or pd) near4 alloy\$4)) and mems  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 13:04 |
| 6        | 3829  | ((noble near1 metal) or gold or platinum or palladium or au or pt or pd) near4 alloy\$4) with (ruthenium or ru)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 13:05 |
| 7        | 3231  | ((noble near1 metal) or gold or platinum or palladium or au or pt or pd) near4 alloy\$4) with (ruthenium or ru) with (platinum or pt)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 13:06 |
| 8        | 33    | ((noble near1 metal) or gold or platinum or palladium or au or pt or pd) near4 alloy\$4) with (ruthenium or ru) with (platinum or pt)) and mems  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 13:06 |
| 9        | 29    | ((noble near1 metal) or gold or platinum or palladium or au or pt or pd) near4 alloy\$4) with (ruthenium or ru) with (platinum or pt)) and mems) not (((noble near1 metal) or gold or platinum or palladium or au or pt or pd) with alloy\$4) with (actuator or beam or cantilever or bend\$4 or flexible or bimetallic or bimorph or relay or spring)) and (((noble near1 metal) or gold or platinum or palladium or au or pt or pd) near4 alloy\$4)) and mems) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 13:12 |
| 10       | 19949 | 3.ab.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 13:12 |
| 11       | 7142  | 3.ti.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 13:12 |
| 12       | 1178  | 3.ab. and (actuator or beam or cantilever or bend\$4 or flexible or bimetallic or bimorph or relay or spring).ab.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 13:13 |

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| 13 | 1132 | 3.ab. and ( beam or cantilever or bend\$4 or flexible or bimetallic or bimorph or relay or spring).ab.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 13:14 |
| 14 | 7142 | ((((noble near1 metal) or gold or platinum or palladium or au or pt or pd) near4 alloy\$4).ti.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 13:14 |
| 15 | 125  | ((((noble near1 metal) or gold or platinum or palladium or au or pt or pd) near4 alloy\$4).ti.) and (actuator or beam or cantilever or bend\$4 or flexible or bimetallic or bimorph or relay or spring).ti.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 13:14 |
| 16 | 124  | (((((noble near1 metal) or gold or platinum or palladium or au or pt or pd) near4 alloy\$4).ti.) and (actuator or beam or cantilever or bend\$4 or flexible or bimetallic or bimorph or relay or spring).ti.) not ((((((noble near1 metal) or gold or platinum or palladium or au or pt or pd) with alloy\$4) with (actuator or beam or cantilever or bend\$4 or flexible or bimetallic or bimorph or relay or spring)) and (((noble near1 metal) or gold or platinum or palladium or au or pt or pd) near4 alloy\$4)) and mems) or ((((((noble near1 metal) or gold or platinum or palladium or au or pt or pd) near4 alloy\$4) with (ruthenium or ru) with (platinum or pt)) and mems) not ((((((noble near1 metal) or gold or platinum or palladium or au or pt or pd) with alloy\$4) with (actuator or beam or cantilever or bend\$4 or flexible or bimetallic or bimorph or relay or spring)) and (((noble near1 metal) or gold or platinum or palladium or au or pt or pd) near4 alloy\$4)) and mems))) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/02 13:15 |